



Docket No. 4208-4153

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Juha SALOKANNEL et al.

Group Art Unit: 2681

Serial No.: 10/660,549

Examiner: To Be Assigned

Filed: September 12, 2003

For: METHOD AND SYSTEM FOR REPEAT REQUEST IN HYBRID ULTRA WIDEBAND-BLUE TOOTH RADIO

INFORMATION DISCLOSURE STATEMENT

Mail Stop: Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to Rule 56, applicant hereby calls the attention of the Patent Office to the references listed on the attached Form PTO 1449.

A. Copies of these references:

- ☒ are attached.  
☐ were filed in related application U.S. Serial No(s) \_\_\_\_\_, filed \_\_\_\_\_, respectively.  
☐ are not required since the application was filed on or after June 30, 2003, and the disclosed references are U.S. Patents or Publications. see MPEP, 8<sup>th</sup> Edition, Revision No. 2, May 2004, Section 609, Part III A(2)(A).

B. Fees

- ☒ No fee is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since:
- ☐ This document is being filed within three (3) months of the filing date of the application
  - ☐ This document is being concurrently filed with the above-identified application
  - ☐ This document is being concurrently filed with an Request for Continued Examination (RCE)
  - ☒ This document is being filed prior to a first Office Action
  - ☐ This document is being filed before the mailing date of a final action or a notice of allowance (where there has been no prior final action), and is accompanied by one of the certifications pursuant to 37 C.F.R. §1.97(e).
- ☐ A fee is due for this Information Disclosure Statement since it is being filed in compliance with 37 C.F.R. §1.97(c), after the receipt of a first office action but before the mailing date of a final action or a notice of allowance (where there has been no prior final action).
- ☐ A fee is due under 37 C.F.R. §1.17(p) for this Information Disclosure Statement since it is being filed in compliance with 37 C.F.R. §1.97(d), after the mailing date of a final action or a notice of allowance, whichever comes first, but before payment of the issue fee, and is accompanied by one of the certifications pursuant to 37 C.F.R. §1.97(e) and the fee due under 37 C.F.R. §1.17(p) which is enclosed.
- ☐ A check for the requisite fee of \$180 under 37 C.F.R. §§1.17(h) and 1.17(p) is enclosed.

## C. Certifications

- ☐ I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.
- ☐ I hereby certify that no item of information in the Information Disclosure Statement filed herewith was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

## D. Explanation/Translation of Non-English References

- ☐ No explanation of relevancy is required since the attached references are accompanied by ☐ a Search Report ☐ Communication which was cited in a corresponding ☐ PCT or ☐ Foreign counterpart application.
- ☐ For each of the items listed on the attached Form PTO-1449 that is not in the English language, an English language translation of that item or a portion thereof or a concise explanation of the relevance of that item is also enclosed.
- ☐ For each of the items listed on the attached Form PTO-1449 that is not in the English language, a concise explanation of the relevance of that item is incorporated in the specification of the above-identified application.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required for this Information Disclosure Statement, or credit any overpayment to Deposit Account No. 13-4500, Order No. 4208-4153. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

Respectfully submitted,  
MORGAN & FINNEGAN, L.L.P.

Dated: \_\_\_\_\_

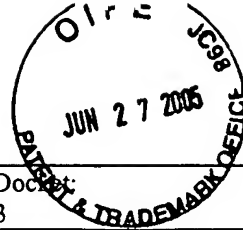
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By: \_\_\_\_\_

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<b>FORM PTO-1449 A</b> <b>INFORMATION DISCLOSURE CITATION</b>				Attorney Docket: 4208-4153		Serial No.: 10/660,549	
				Applicants: Juha SALOKANNEL et al.			
				Filing Date: September 12, 2003		Group Art Unit: 2681	
<b>U.S. PATENT DOCUMENTS</b>							
<b>Examiner Initial</b>		<b>Patent Number</b>	<b>Publication Date</b>	<b>Name</b>	<b>Class</b>	<b>Sub- Class</b>	<b>Filing Date</b>
	1	2001/0055356 A1	12/27/01	Davies			
	2	2003/0100288 A1	5/29/03	Tomlinson, Jr., et al.			
	3	2003/0137966 A1	7/24/03	Odman, et al.			
	4	2003/0148767 A1	8/7/03	Sugaya, et al.			
	5	2003/0032422 A1	2/13/03	Wynbeek			
	6	2003/0078037 A1	4/24/03	Auckland, et al.			
<b>FOREIGN PATENT DOCUMENTS</b>							
<b>Examiner Initial</b>		<b>Patent Number</b>	<b>Publication Date</b>	<b>Country</b>	<b>Class</b>	<b>Sub- Class</b>	<b>Translation</b>
	7	1 185 033 A1	3/6/02	EP			
	8	2 287 383	9/13/95	GB			

<b>Examiner</b>	<b>Date Considered</b>
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	

<b>FORM PTO-1449 B</b>  <b>INFORMATION DISCLOSURE CITATION</b>	<b>Attorney Docket:</b> 4208-4153	<b>Serial No.:</b> 10/660,549
	<b>Applicants:</b> Juha SALOKANNEL et al..	
	<b>Filing Date:</b> September 12, 2003	<b>Group Art Unit:</b> 2681

<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, etc.)</b>		
	9	Walter Hirt, "Ultra-wideband radio technology: overview and future research", COMPUTER COMMUNICATIONS, Amsterdam, NL, vol. 26, no. 1, February 2003, pp. 46-52
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<b>Examiner</b>	<b>Date Considered</b>
<b>EXAMINER:</b> Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	